

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Hamesh Chawla and John G. Waclawsky, Ph.D.

Application No.: (Application filed herewith)

Group Art Unit: Unassigned

Filed: May 24, 1999

Examiner: Unassigned

Title: APPARATUS AND METHODS FOR DYNAMIC BANDWIDTH ALLOCATION

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jcs25 U.S. PTO  
09/31/381  
05/24/99

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.10	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as Express Mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231	
on <u>May 24, 1999</u>	<u>Barry W. Chapin</u>
Date	Signature
<u>Barry W. Chapin</u>	
Typed or printed name of person signing certificate	
Express Mail Mailing Label No. <u>EJ122141175US</u>	

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

This Information Disclosure Statement is submitted:

☐ under 37 CFR 1.129(a), or  
(First/Second submission after Final Rejection)

☒ under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of the national stage in international application; or before mailing date of first office action on the merits; whichever occurs last)

☐ under 37 CFR 1.97(c) together with either:  
☐ a Statement under 37 CFR 1.97(e), as checked below, or  
☐ a \$240.00 fee under 37 CFR 1.17(p), or  
(After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)

☐ under 37 CFR 1.97(d) together with:  
☐ a Statement under 37 CFR 1.97(e), as checked below, and  
☐ a Petition under 37 CFR 1.97(d)(2), and  
☐ a \$130.00 petition fee set forth in 37 CFR 1.17(i).  
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

☐ Applicant requests that the attached IDS and cited reference(s) \_\_\_\_\_ be placed in the application filewrapper.  
(Filed after payment of issue fee)

Statement Under 37 CFR 1.97(e)

- ☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Enclosed herewith is form PTO-1449:

- ☒ Copies of the cited references are enclosed.
- ☐ Copies of cited references are enclosed except those entered in prior application, U.S. Serial No. \_\_\_\_\_, and references that are not required to be submitted under 37 CFR 1.98.
- ☐ The listed references were cited in the enclosed International Search Report in a counterpart foreign application.

Concise Explanation Requirement (non-English references):

- ☐ The "concise explanation" requirement for reference(s) \_\_\_\_\_ under 37 CFR 1.98(a)(3) is satisfied by:
- ☐ the explanation provided on the attached sheet.
- ☐ the explanation provided in the Specification.
- ☐ submission of the enclosed International Search Report.
- ☐ the enclosed English language abstract.

It is requested that the information disclosed herein be made of record in this application.

Method of payment:

- ☒ No fee is required for this Information Disclosure Statement.
- ☐ Enclosed is a check in the amount of \$ \_\_\_\_.
- ☐ A copy of this Statement is enclosed.

Respectfully submitted,

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Dated: May 24, 1999

PTO-1449 REPRODUCED				ATTORNEY DOCKET NO. CIS99-1267		APPLICATION SERIAL NO. -	
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  (Use several sheets if necessary)				APPLICANT Hamesh Chawla and John G. Waclawsky, Ph.D.			
				FILING DATE May 24, 1999		GROUP -	
<b>U.S. PATENT DOCUMENTS</b>							
EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE mm/dd/yy	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	AL						
	AM						
	AN						
	AO						
	AP						
	AQ						
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
	AR	Brandon, R. et al., "Resource ReSerVation Protocol (RSVP) - Version 1 Functional Specification," <ftp://ftp.isi.edu/in-notes/rfc2205.txt>, Network Working Group Request for Comments, 99 pages, September 1997					
	AS	Steve Berson, "RSVP Protocol Overview," (Last Modified 5 March 1999) <http://www.isi.edu/rsvp/overview.html>, 2 Pages					
	AT	Medhavi Bhatia, "QoS over the Internet: The RSVP protocol," <http://www/cis/upenn.edu/~bhatia/rsvp.html"> (visited April 30, 1999)					
EXAMINER				DATE CONSIDERED			